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Substitute for form 1449/PTO		<i>Complete if Known</i>	
FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/725,009
		Filing Date	December 2, 2003
		First Named Inventor	Andrew GEALL
		Art Unit	1645
		Examiner Name	Hines, J.A.
Sheet	1	of	1
		Attorney Docket Number	1530.0620001/EKS/J-H

Examiner Signature	/Jana Hines/ (09/27/2006)	Date Considered	09/27/2006
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				ATTY. DOCKET NO. 1530.0620001/EKS/JAH	APPLICATION NO. 10/725,009		
				FIRST NAMED INVENTOR Geall, A.			
				FILING DATE December 2, 2003	ART UNIT 1645		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JH	AA1	5,264,618	11/23/1993	Feigner et al.			04/16/1991
	AB1	5,459,127	10/17/1995	Feigner et al.			09/16/1993
	AC1	5,567,859	10/22/1996	Emanuele et al.			08/09/1994
	AD1	5,656,611	08/12/1997	Kabanov et al.			11/18/1994
	AE1	5,691,387	11/25/1997	Emanuele et al.			06/03/1996
	AF1	5,696,298	12/09/1997	Emanuele et al.			06/02/1995
	AG1	5,817,334	10/06/1998	Schmidt et al.			06/06/1995
	AH1	5,990,241	11/23/1999	Emanuele et al.			07/08/1997
	AI1	5,994,317	11/30/1999	Wheeler			04/09/1996
	AJ1	6,251,599 B1	06/26/2001	Chen et al.			11/06/1998
▼	AK1	6,359,054 B1	03/19/2002	Lemieux et al.			01/08/1999
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
JH	AL1	WO 96/04392 A2	02/15/1996	WIPO			Yes
JH	AM1	WO 96/04932 A1	02/22/1996	WIPO			No
JH	AN1	WO 00/57917 A2	10/05/2000	WIPO			Yes
JH	AO1	WO 02/00844 A2	01/03/2002	WIPO			No
JH	AP1	WO 97/40839 A1	11/06/1997	WIPO			Yes
							No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
JH	AR	1	Corveleyn, S. and Remon, J.-P., "Maltodextrins as Lyoprotectants in the Lyophilization of a Model Protein, LDH," <i>Pharm. Res.</i> 13:146-150, Plenum Publishing Corporation (1996)				
JH	AS	1	Kim, A.I., et al., "The Physical State of Mannitol after Freeze-Drying: Effects of Mannitol Concentration, Freezing Rate, and a Noncrystallizing Cosolute," <i>J. Pharm. Sci.</i> 87:931-935, American Chemical Society (1998)				
JH	AT	1	Martini, A., et al., "Use of Subambient Differential Scanning Calorimetry to Monitor the Frozen-State Behavior of Blends of Excipients for Freeze-Drying," <i>PDA J. Pharm. Sci. Technol.</i> 51:62-67, Parenteral Drug Association (1997)				
EXAMINER <i>/Jana Hines/ (09/27/2006)</i>				DATE CONSIDERED 09/27/2006			
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1530.0620001/EKS/JAH		APPLICATION NO. 10/725,009	
		FIRST NAMED INVENTOR Geall, A.			
		FILING DATE December 2, 2003		ART UNIT 1645	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JH	AA2	6,482,518 B1	11/19/02	Short <i>et al.</i>			07/30/1999
	AB2	6,147,055	11/14/2000	Hobart <i>et al.</i>			03/14/1997
	AC2	5,674,911	10/07/1997	Emanuele <i>et al.</i>			06/06/1995
	AD2	6,586,409 B1	07/01/2003	Wheeler			03/24/2000
	AE2	5,703,055	12/30/1997	Felgner <i>et al.</i>			01/26/1994
	AF2	6,670,332 B1	12/30/2003	Wheeler			06/05/1998
	AG2	6,399,588 B1	06/04/2002	Hobart <i>et al.</i>			06/04/2002
	AH2	RE 36,665	04/18/2000	Emanuele <i>et al.</i>			06/02/1998
	AI2	2002/0019358 A1	02/14/2002	Manthorpe <i>et al.</i>			04/23/2001
	AJ2	2003/0032615 A1	02/13/2003	Felgner <i>et al.</i>			07/26/2002
↓	AK2	2003/0186913 A1	10/02/2003	Wolff <i>et al.</i>			02/10/2003

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
JH	AL2	WO 99/06055 A1	02/11/1999	WIPO			Yes
JH	AM2	WO 99/21591 A1	05/06/1999	WIPO			No
	AN						Yes
	AO						No
	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JH	AR	2	Martini, A., <i>et al.</i> , "Use of subambient differential scanning calorimetry to monitor the frozen state behaviour of amino acids in simulated freeze-drying conditions," <i>S.T.P. Pharma Sci.</i> 7:37-381, Editions de sante (1997)
JH	AS	2	Newman, M.J., <i>et al.</i> , "Use of Nonionic Block Copolymers in Vaccines and Therapeutics," in: <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , Bruck, S.D., ed., Begell House, Inc. (1998)
JH	AT	2	Oliyai, C., <i>et al.</i> , "Chemical Pathways of Peptide Degradation. VII. Solid State Chemical Instability of an Aspartyl Residue in a Model Hexapeptide," <i>Pharm. Res.</i> 11:901-908, Plenum Press (1994)

EXAMINER <i>/Jana Hines/ (09/27/2006)</i>	DATE CONSIDERED <i>09/27/2006</i>
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JH	AA3	2003/0191082 A1	10/09/2003	Wheeler			03/19/2003
JH	AB3	2003/0203863 A1	10/30/2003	Hobart et al.			04/23/2002
JH	AC3	2004/0171572 A1	09/02/2004	Wheeler			12/30/2003
JH	AD3	2004/0209241 A1	10/21/2004	Hermanson et al.			12/19/2003
JH	AE3	2004/0162256 A1	08/19/2004	Geall et al.			12/02/2003
JH	AF3	6,867,195 B1	03/15/2005	Felgner et al.			06/07/1995
JH	AG3	6,875,748 B2	04/05/2005	Manthorpe et al.			04/23/2001
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

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	AL						Yes
	AM						No
	AN						Yes
	AO						No
	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JH	AR	3	Orizio, G., et al., "Freeze-dried mannitol for injectable preparations using an automatic lyophilization cycle," <i>Boll. Chim. Farm.</i> 132:368-374, Società Editoriale Farmaceutica (1993)
JH	AS	3	Österberg, T., et al., "Development of a Freeze-Dried Albumin-Free Formulation of Recombinant Factor VIII SQ," <i>Pharm. Res.</i> 14:892-898, Plenum Press (1997)
JH	AT	3	Todd, C.W., et al., "Development of an adjuvant-active nonionic block copolymer for use in oil-free subunit vaccines formulations," <i>Vaccine</i> 15:564-570, Elsevier Science Ltd. (1997)

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	AJ						
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JH	AR	4	Todd, C.W., et al., "Systemic Development of a Block Copolymer Adjuvant for Trivalent Influenza Virus Vaccine," <i>Dev. Biol. Stand.</i> 92:341-351, Karger (1998)
JH	AS	4	Tse, C. and Capeau, J., "Quantification des acides nucléiques par PCR quantitative en temps réel," <i>Ann. Biol. Clin.</i> 61:279-293, John Libbet Eurotext (May-June 2003)
JH	AT	4	Wade, A. and Weller, P.J., eds., "Benzalkonium Chloride," "Benzethonium Chloride," "Cetrimide," in: <i>Handbook of Pharmaceutical Excipients</i> , American Pharmaceutical Association, Washington, DC, pp.27-31, 96-98 (1994)

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	AI2						
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JH	AR	5	Copy of Co-Pending U.S. Patent Application No. 09/478,457, Wolff et al., filed January 6, 2000 (NOT PUBLISHED)
JH	AS	5	Molina, M.C. et al., "Maintenance of nonviral vector particle size during the freezing step of the lyophilization process is insufficient for preservation of activity: insight from other structural indicators." <i>J. Pharma. Sci.</i> 90:1445-1455, Wiley-Liss, Inc (October 2001)
JH	AT	5	Cherng, J.Y., "Stabilization of polymer-based gene delivery systems." <i>Int. J. Pharma.</i> 183:25-28, Elsevier B.V. (June 1999)

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